# TransactIQ

**Meet the Team:**
Chandler Clevenger
Robert Duncan
Jacob Freestone
Jay Ling
Robert Mooney

**Purpose:**
To translate client history from past fincancial instiutions into Accutech Cheetah Systems

**accutech** SYSTEMS

**Client Information:**
Cameron Dowless
Craig Busching
**Mentor:** Colin Ledbetter

## Features

| | Total Transactions 0 | Complete Transactions 0 ( 0% ) | Model Accuracy 0 % |
|---|---|---|---|
| ± Select File / Save Data / Load Saved File / Export Data / Start Tour | Unique Transactions 0 | Need Action Transactions 0 ( 0% ) | Some Cool Stat 0 % |
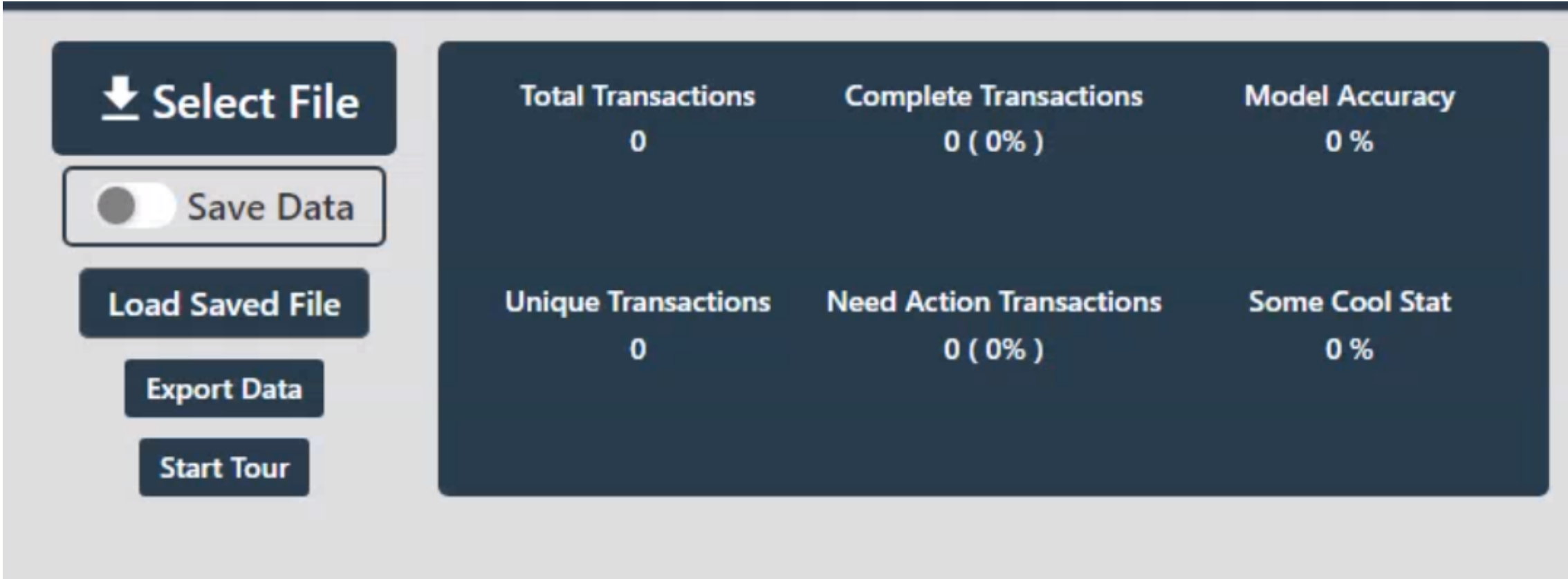
**Stats Table with No Data**

**Takes in transaction data**

**Old Client History Transaction Codes**
**3043**
**6723**

**Levenshtein Distance**

**7804**
**1006**
New Translated Cheetah Transaction Codes

**Machine Clustering Model maps data**

| | Total Transactions 250 | Complete Transactions 182 ( 73% ) | Model Accuracy 88.2 % |
|---|---|---|---|
| ± Select File / Save Data / Load Saved File / Export Data / Start Tour | Unique Transactions 31 | Need Action Transactions 68 ( 27% ) | |
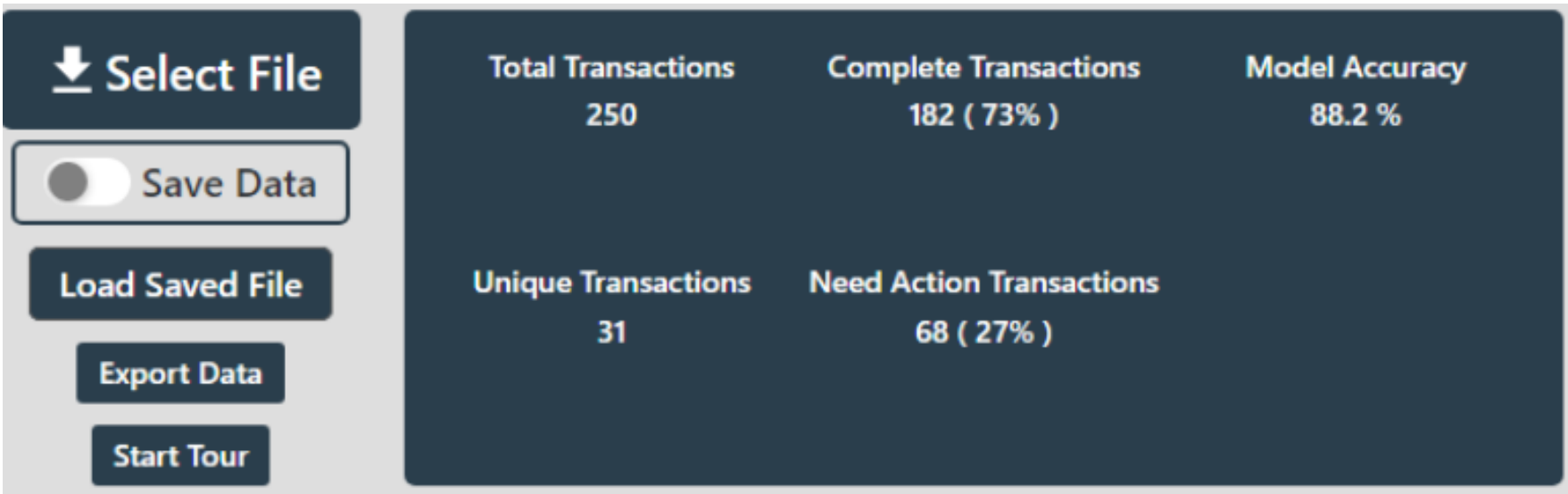
**Stats Table with Data**

**Table & Chart with Data**

| Code | Primary Tag | Secondary Tag | Description | Source Code | IRA Code | Has Asset | Has TaxLot | Has Price | Has Payee | Principle Cash | Principle Inventory | Principle Invest | Income Cash | Income Invest | Income Inventory | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6650 | Asset Withdrawal | Other | EXCHANGE OUT- PENDING PURCHASE | 665-100 | 0 | No | Yes | No | No | 0 | 0 | 0 | 0 | 0 | - | - |
| 6650 | Asset Withdrawal | Other | EXCHANGE OUT- PENDING PURCHASE | 665-100 | 0 | No | Yes | No | No | 0 | 0 | 0 | 0 | 0 | - | - |
| 2310 | Deposit | Other Income | WIRE FEE | 444-215 | 0 | No | No | No | No | 0 | 0 | 0 | - | - | - | - |
| 2310 | Deposit | Other Income | TRANSACTION FEE | 444-000 | 0 | No | No | No | No | 0 | 0 | 0 | - | - | - | - |
| 2310 | Deposit | Other Income | WIRE FEE | 444-215 | 0 | No | No | No | No | 0 | 0 | 0 | - | - | - | - |

**Charts**

**Outputs translated data exported into user's desired filetype**

**Conclusion:**
This project taught us valuable lessons in ways of adaptability, teamwork, and collaborating with a real outside client. As developers, this entire capstone experience has given us beneficial real-world insights as we go into our professional careers.

**Tech-Stack:**
C#
Vue3
Yarn
Docker
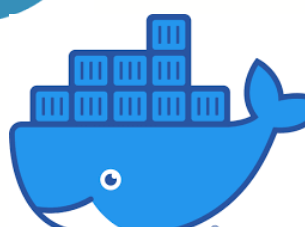
*Computer Science*
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